

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )  
 )  
 **Alejandro Sanchez** )  
 )  
 Application No. 10/532,198 ) Confirmation No. 8394  
 )  
 International Filing Date: October 22, 2003 )  
 )  
 For: "MANAGING BIOLOGICAL DATABASES" )

**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR  
PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

In response to the Notification to Comply with Requirements for Patent Applications  
Containing Nucleotide and/or Amino Acid Sequence Disclosures mailed September 22, 2005 in  
the above-referenced patent application, enclosed are:

1. a computer-readable form of the sequence listing in accordance with 37 CFR 1.821-1.825;
2. a paper copy of sequence listing with a preliminary amendment directing its entry into the application;
3. a Petition for One-Month Extension of Time; and
4. a copy of the Notification.

**ATTORNEY DOCKET NO. 21101.0049U2**  
**APPLICATION NO. 10/532,198**

Please be advised that the contents of the paper and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are the same and include no new matter, as required by 37 CFR. 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

A Credit Card Payment Form PTO-2038 authorizing payment in the amount of **\$60.00**, representing \$60.00 for the fee for a small entity under 37 C.F.R. § 1.17(a)(1) is enclosed. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.



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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

\_\_\_\_\_  
Robert A. Hodges

\_\_\_\_\_  
Date

12/20/2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,198	RECEIVED Sanchez	21101.0049U2

23859

NEEDLE & ROSENBERG, P.C.  
SUITE 1000  
999 PEACHTREE STREET  
ATLANTA, GA 30309-3915

SEP 27 2005

NEEDLE &amp; ROSENBERG

INTERNATIONAL APPLICATION NO.	
PCT/US03/33590	
I.A. FILING DATE	PRIORITY DATE
10/22/2003	10/22/2002

CONFIRMATION NO. 8394

371 FORMALITIES LETTER



\*OC000000017073119\*

Scanned	9/27/05 11/18/05
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Date Mailed: 09/22/2005

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,198	PCT/US03/33590	21101.0049U2

FORM PCT/DO/EO/922 (371 Formalities Notice)